

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G06T3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| X          | COLLINS R T ET AL: "Matching perspective views of coplanar structures using projective unwarping and similarity matching"<br>COMPUTER VISION AND PATTERN RECOGNITION, 1993. PROCEEDINGS CVPR '93., 1993 IEEE COMPUTER SOCIETY CONFERENCE ON NEW YORK, NY, USA 15-17 JUNE 1993, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, 15 June 1993 (1993-06-15), pages 240-245, XP010095823<br>ISBN: 0-8186-3880-X<br>page 240, section 1<br>page 242, section 3 - page 243, left column, line 26 | 1,2,6,8,<br>10-14     |
| Y          | -----<br>-/--   | 3                     |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

5 November 2004

Date of mailing of the international search report

18/11/2004

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## INTERNATIONAL SEARCH REPORT

International Application No

I /EP2004/007098

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| X          | US 2002/167512 A1 (BRODSKY TOMAS ET AL)<br>14 November 2002 (2002-11-14)<br>page 2, paragraph 30 - page 3, paragraph 50<br>page 4, paragraph 86 - paragraph 97<br>figure 3<br>-----   | 1,2,6,8,<br>10-14     |
| Y          | CHETVERIKOV D., KHENOKH Y.: "matching for<br>shape defect detection"<br>LECTURE NOTES IN COMPUTER SCIENCES,<br>vol. 1689, 1999, pages 367-374,<br>XP002283038<br>HEIDELBERG<br>page 369, section 2 - page 371 (end of<br>page)<br>-----   | 3                     |
| A          | ZHANG Z: "DETERMINING THE EPIPOLAR<br>GEOMETRY AND ITS UNCERTAINTY: A REVIEW"<br>INTERNATIONAL JOURNAL OF COMPUTER VISION,<br>KLUWER ACADEMIC PUBLISHERS, NORWELL, US,<br>vol. 27, no. 2, 1 March 1998 (1998-03-01),<br>pages 161-195, XP000755415<br>ISSN: 0920-5691<br>page 173, section 3.7.2 - page 175, left<br>column, line 14<br>-----         | 2,3                   |
| A          | SIM D-G ET AL: "OBJECT MATCHING<br>ALGORITHMS USING ROBUST HAUSDORFF DISTANCE<br>MEASURES"<br>IEEE TRANSACTIONS ON IMAGE PROCESSING,<br>IEEE INC. NEW YORK, US,<br>vol. 8, no. 3, March 1999 (1999-03), pages<br>425-429, XP000832630<br>ISSN: 1057-7149<br>page 425, section II - page 426, left<br>column, line 4<br>page 426, section III<br>----- | 2,3                   |
| A          | KIM D.-K., JANG B.T., HWANG C.-J.: "a<br>planar perspective image matching using<br>point correspondences and rectangle to<br>quadrilateral mapping"<br>FIFTH IEEE SOUTHWEST SYMPOSIUM ON IMAGE<br>ANALYSIS AND INTERPRETATION, 2002, pages<br>87-91, XP002283039<br>page 89, section 3<br>-----  | 1,2                   |
| A          | WO 93/02524 A (PRINCETON ELECTRONIC<br>BILLBOARD) 4 February 1993 (1993-02-04)<br>page 16, line 28 - page 17, line 34<br>page 19, line 13 - line 17<br>figures 1-4<br>-----   | 1,8,11                |

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## INTERNATIONAL SEARCH REPORT

International Application No

EP2004/007098

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
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| A          | <p>FAUGERAS, O.: "three dimensional computer vision - a geometric viewpoint"<br/>1993, MIT PRESS , XP002283071<br/>page 98, section 4.3.2.1 - page 102, line 14</p> <p>-----</p> | 1-14                  |

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

EP2004/007098

| Patent document<br>cited in search report |    | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
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